

## Gunter, Jason

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**From:** Nations, Mark <mnations@doerun.com>  
**Sent:** Tuesday, July 15, 2014 4:54 PM  
**To:** Gunter, Jason  
**Cc:** Yingling, Mark; James, Kevin; Neaville, Chris; Montgomery, Michael; martin.kator@dnr.mo.gov; robert.hinkson@dnr.mo.gov; brandon.wiles@dnr.mo.gov; Ty Morris (TMorris@barr.com); Sanders, Amy B.; Hedrick, Samantha K.  
**Subject:** Federal June 2014 Progress Report  
**Attachments:** FED\_06-14.doc; April 2014 Pb Results By Month\_017.pdf

Jason, attached is the progress report.  
Mark

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**THE  
DOE RUN  
COMPANY**

*Remediation Group*

**Mark Nations**  
**Mining Properties Manager**  
***mnations@doerun.com***

July 7, 2014

Mr. Jason Gunter  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 7 - Superfund Branch  
11201 Renner Blvd.  
Lenexa, KS 66219

**Re: The Doe Run Company – Federal Mine Tailings Site Monthly Progress Report**

Dear Mr. Gunter:

As required by Article XVII, Paragraph 73 of the Administrative Order on Consent (Docket No.VII-97-F-0009) for the referenced project and on behalf of The Doe Run Company, the progress report for the period June 1, 2014 through June 30, 2014 is enclosed. If you have any questions or comments, please call me at 573-518-0800.

Sincerely,



Mark Nations  
Mining Properties Manager

Enclosure

c: Mark Yingling – TDRC (electronic only)  
Kevin James – TDRC (electronic only)  
Chris Neaville – TDRC (electronic only)  
Mark Yingling – TDRC (electronic only)  
Michael Montgomery – TDRC (electronic only)  
Martin Kator – MDNR - DSP  
Robert Hinkson – MDNR - HWP  
Brandon Wiles – MDNR  
Ty Morris – Barr Engineering

**Federal Mine Tailings Site**  
Park Hills, Missouri  
**Monthly Progress Report**  
Period: June 1, 2014 – June 30, 2014

**1. Actions Performed or Completed This Period:**

- a. Work continued on the task of stockpiling rock onsite. This work focused on stockpiling trail rock. This rock type is being stockpiled in the Borrow Area. As of the end of the period, work on this task has been completed.
- b. Work continued in the Borrow Pit Area. This work focused on covering the open areas with rock. As of the end of the period, work on this task has been completed.
- c. Work continued across the site. This work focused on seeding and fertilizing unvegetated areas that had not been covered with material and fertilizing/enhancing areas with current vegetation. As of the end of the period, work on this task has been completed.
- d. Work continued in the Former Chat Pile Area. This work focused on grading the ditches and placing cover material over the area. As of the end of the period, work on this task continued.

**2. Data and Results Received This Period:**

- a. Attached are the lead monitoring results for the Missouri Department of Natural Resources – Department of State Parks (MDNR-DSP) air monitor located near the Off-Road Vehicle (ORV) Riding Area for April 2014. Neither The Doe Run Company nor Barr Engineering Co. were involved with siting this monitor, collecting the samples, processing the samples, evaluating the data, or verifying the accuracy of the data.
- b. During this period, the Ambient Air Monitoring Report for June 2014 was completed. Any issues identified in this report are discussed below. A copy of this document has been sent to your attention.

**3. Planned Activities for Next Period:**

- a. Work in the Former Chat Pile Area will continue. Work in this area will focus on placing cover materials outside of the drainage channels.

**4. Changes in Personnel:**

- a. None.

**5. Issues or Problems Encountered and the Resolution:**

- a. None.

# Air Quality Monitoring Pb results for April 2014

St. Joe State Park

Primary

AQM Pb results for February 2014					AQM Pb results for March 2014				
St. Joe State Park					St. Joe State Park				
Primary					Primary				
Sample Number	Date Collected	Sampler:	Result		Sample Number	Date Collected	Sampler:	Result	
AC19391	2/1/2014	#1 Primary	0.0040	µg/m³	AC20764	3/3/2014	#1 Primary	0.0087	µg/m³
AC19411	2/4/2014	#1 Primary	0.0067	µg/m³	AC20784	3/6/2014	#1 Primary	0.0086	µg/m³
AC19419	2/7/2014	#1 Primary	0.0044	µg/m³	AC20804	3/9/2014	#1 Primary	0.0085	µg/m³
AC19425	2/10/2014	#1 Primary	0.0079	µg/m³	AC20824	3/12/2014	#1 Primary	0.2005	µg/m³
AC19431	2/13/2014	#1 Primary	0.0086	µg/m³	AC20844	3/15/2014	#1 Primary	0.0081	µg/m³
AC19437	2/16/2014	#1 Primary	0.0086	µg/m³	AC20853	3/18/2014	#1 Primary	0.0065	µg/m³
AC19443	2/19/2014	#1 Primary	0.0050	µg/m³	AC20859	3/21/2014	#1 Primary	0.0057	µg/m³
AC19511	2/22/2014	#1 Primary	0.0054	µg/m³	AC20865	3/24/2014	#1 Primary	0.0548	µg/m³
AC19512	2/25/2014	#1 Primary	0.0377	µg/m³	AC20871	3/27/2014	#1 Primary	0.0065	µg/m³
AC19513	2/28/2014	#1 Primary	0.0100	µg/m³	AC20877	3/30/2014	#1 Primary	0.0084	µg/m³
February Sum	0.0983	February Average	0.00983	µg/m³	March Sum	0.3163	March Average	0.03163	µg/m³
Run Days Scheduled: 10	Actual: 10	February Data Capture Rate	100.000%		Run Days Scheduled: 10	Actual: 10	March Data Capture Rate	100.000%	

Sample Number	Date Collected	Site:	Result
AC22558	4/2/2014	St. Joe State Park - #1 Primary	0.0053 µg/m³
AC22578	4/5/2014	St. Joe State Park - #1 Primary	0.0460 µg/m³
AC22598	4/8/2014	St. Joe State Park - #1 Primary	0.0168 µg/m³
AC22618	4/11/2014	St. Joe State Park - #1 Primary	0.0150 µg/m³
AC22661	4/20/2014	St. Joe State Park - #1 Primary	0.0172 µg/m³
AC22667	4/23/2014	St. Joe State Park - #1 Primary	0.0086 µg/m³
AC22673	4/26/2014	St. Joe State Park - #1 Primary	0.0062 µg/m³
AC22679	4/29/2014	St. Joe State Park - #1 Primary	0.0034 µg/m³
April Sum 0.1185	April Average 0.0148125	µg/m³ Run Days Scheduled: 10	Actual: 8 April Data Capture Rate 80.000%

Three month rolling average: 0.02 µg/m³

Three Month Data Capture Rate: 93%